

AMERICAN DEFENDER

MAGAZINE OF THE 1ST AIR FORCE

SPRING 2005



Civil Air Patrol, 1st Air Force:
Defending our homeland together

Wingmen essential to air sovereignty



Maj. Gen. M. Scott Mayes,
Commander, 1st Air Force

Wow! It has been six months since I began working for you multitalented men and women in our fighter wings, air defense sectors, air operations center and headquarters. I'm proud to be part of such a capable and determined organization.

"Working for you" was not a mischoice of words. Inherent in the sacred responsibility of command is an unflagging advocacy for mission resources and new ideas that create efficiencies. I will do that and promise to never forget that our "no fail" air defense mission depends on people.

A wise friend once told me, "The most important thing is to keep the

main thing the main thing -- and that's the hardest thing." That "main thing" for us is air sovereignty and security in protecting America. Our enemy is persistent and patient. Add "vengeful" now that we've whacked him.

I recently read the Romans understood the wing position. Basic Roman battle lines were arranged with the infantry in the center and the cavalry on the wings. The cavalry protected the center infantry from being outflanked, and working together, they won the day.

Our team of wingmen makes America a "hard target" every day by working together to maintain and improve our fighting force, our sensors, and our command and control facilities.

Our wingmen today are inter-agency and multinational.

Our newest wingman is the Civil Air Patrol with its 26,000 cadets and 35,000 adult volunteers. These dedicated and patriotic members enhance our mission effectiveness by "watching our flank."

Their ready fleet of 550 CAP-owned airplanes and a significant number of member-owned platforms provides intelligence, surveillance, reconnaissance and logistics support to our air defense operations. These trained intelligence

gatherers have become vital to the homeland defense mission in the air domain. I welcome them.

Individually, I ask each of you to be a good wingman. Take care of yourself and those around you. Step in when your wingman

"The most important thing is to keep the main thing the main thing -- and that's the hardest thing."

needs help. Look for signs of stress and suicide. Speak up if you see senseless risks being taken. Help identify sexual predators -- they have no place in the profession of arms where absolute trust is an essential.

Together we can ensure that the Air Force Chief of Staff's vision of creating a "wingman culture" quickly becomes a reality.

Check 6 

M. Scott Mayes

NEWS

Practice makes perfect Texas Air National Guard's 147th Fighter Wing prepares for Operational Readiness Inspection.

At a glance: 1st AF Commander Maj. Gen. M. Scott Mayes takes command of America's air sovereignty and air defense.

FEATURES

Civil Air Patrol, 1st Air Force CAP takes a new role as a support agency for the Air Force in both homeland security and civil support.

Bridging borders CANR deputy commander reflects on job and family heritage while stationed in Canada.

Not just counter-drug anymore Florida Air National Guard's 125th Fighter Wing provided aerial surveillance for presidential inauguration events.

DEPARTMENTS

The Total Force

Last Look

ABOUT THE COVER

The GA-8 Airvan is an 8-seater plane providing ample interior space and large windows to support Civil Air Patrol missions for search and rescue as well as homeland security.

Courtesy photo by Civil Air Patrol National Headquarters

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Practice makes perfect:


Ellington Field preps for ORI

1st Lt. Elaine M. Larson
1st Air Force Public Affairs

Members of the Texas Air National Guard's 147th Fighter Wing at Ellington Field, Houston, spent Feb. 7-15 donning chemical protective gear, dodging enemy attacks and performing first aid for injured comrades. The wing honed their skills during a staff assistance visit held in preparation for the Operational Readiness Exercise portion of its April 2005 Inspector General visit.

The 147th FW conducts worldwide combat operations with the F-16C Fighting Falcon and trains to mobilize to support the total force. All the wing members' skills were put to the test when the exercise evaluation team arrived.

"The wing hasn't had an (Operational Readiness Inspection) since 1992, and we've never had an air-to-ground employment ORI," said Col. Lanny B. McNeely, 147th FW commander. "The breadth of the improvement from the November 2004 to the February 2005 exercises was literally huge, and the attitudes of all involved were uniformly incredible."

"We feel good about our progress, and we have a great vector on where we need to go for the April ORI," he added. 



Photos by Senior Airman Dave Porcelle, 147th Fighter Wing
(Left): Senior Master Sgt. Ernest Leger defends his position in the encampment area during the 147th Fighter Wing's Operational Readiness Exercise Feb. 12 at Ellington Field, Houston. (Above): Members of the 147th Fighter Wing perform first aid on an "injured" Airman during their recent Operational Readiness Exercise.

At a glance: 1st AF Commander

Staff Report

1st Air Force Public Affairs

Maj. Gen. M. Scott Mayes assumed command of 1st Air Force and the Continental United States North American Aerospace Defense Region Oct. 27, 2004. General Mayes is responsible for the air sovereignty and air defense of the United States.

Prior to arriving at Tyndall Air Force Base, Fla., General Mayes served as the Alabama National Guard chief of staff and the Alabama Air National Guard commander.

He earned his commission through the Reserve Officer Training Corps in 1970. He earned a Bachelor of Science degree in education at the University of Alabama in Tuscaloosa, Ala. General Mayes went on to obtain a Master of Science degree in public administration from the University of Northern Colorado, Denver, in 1978 and attended Air War College at Maxwell Air Force Base, Ala., in 1996.

Upon completion of undergraduate pilot training at Vance Air Force Base, Okla., in October 1971, he received his pilot wings. He joined the Alabama Air National Guard in 1979.

During his 34-year military career on active duty and with the Alabama

National Guard, General Mayes served tours in Thailand, West Germany, and most recently, Italy, where he commanded eight units in five countries, enforcing the Dayton Peace Accords in the Balkans.

General Mayes is a command pilot with more than 5,000 flying hours including 171 combat missions in Southeast Asia. Among the aircraft he has flown are the F-15A, F-16A/C, C-26 and C-130 OSA.



Photo by Lisa Norman, 325th Fighter Wing
Maj. Gen. M. Scott Mayes addresses the audience after assuming command of 1st Air Force and Continental United States Region at Tyndall Air Force Base, Fla., Oct. 27, 2004.

Career highlights

Major awards and decorations:

- Legion of Merit
- Distinguished Flying Cross with two oak leaf clusters
- Meritorious Service Medal
- Air Medal with two silver and one bronze oak leaf clusters
- Air Force Commendation Medal with oak leaf cluster
- Army Commendation Medal
- Vietnam Service Medal with bronze star
- Republic of Vietnam Gallantry Cross with Palm
- NATO Medal (Yugoslavia)
- Republic of Vietnam Campaign Medal

Other achievements:

- 1996 Wright Brothers
- Leadership Award, Air War College

Professional memberships and associations:

- Executive Council of the Alabama National Guard Association
- Committee assignments at National Guard Association of the United States
- Former Fighter Council chair and current member of Director's Council of Advisors for the Air Director's Field Advisory Council

Civil Air Patrol, 1st Air Force: Defending our homeland together

Ist Lt. Elaine M. Larson

Ist Air Force Public Affairs

The Civil Air Patrol has been living out its current motto “performing missions for America” for more than 60 years.

Best known for completing 95 percent of all federal inland search and rescue efforts, CAP has embraced newer roles since Sept. 11, 2001, as a support agency for the Air Force in both homeland security and civil support.

The CAP is a private, non-profit corporation made of more than 60,000 volunteers and 550 corporate aircraft. The CAP also has about 3,000 member-owned aircraft that can be utilized when needed. This extensive, nationwide network allows CAP to put a manned airborne platform over any major city or strategic resource in the country in less than two hours.

“Civil Air Patrol got its first exposure to the modern era of homeland security after 9-11, when members were airborne and helping out right away,” said Col. George Vogt, commander of the Air Force branch charged with oversight, liaison and assistance of the CAP -- CAP-U.S.

Air Force. “Over the last four years that whole process has formalized, and now the Air Force realizes what a great asset they are, and the mechanisms are now in place to utilize them even more.”

When the Twin Towers fell, CAP volunteers were the first on the scene to capture the images from the sky. After a sequence of hurricanes passed through Florida in 2004, CAP provided almost instant imagery to help the U.S. Northern Command assess the damage and respond appropriately.

“(These examples) give you an idea of how quickly we can get to a scene, and we’re there to stay until the mission is finished,” said Maj. Gen. Dwight H. Wheless, CAP national commander.

Many of these missions are now what are termed “Air Force-assigned missions,” meaning the CAP has been approved and tasked by the Air Force Secretary to provide support as the Air Force Auxiliary. This can be done to support any department or agency in any branch of the federal government. In most cases, the Air Force Secretary delegates approval authority to CAP – U.S. Air Force headquarters to assign Air Force mission-status to CAP activities.

Air Force-assigned missions utilize CAP’s services to accomplish airborne reconnaissance and imagery, disaster and damage assessment, airborne transportation of personnel, equipment and critical supplies, and 24-7 communications support.

However, CAP will not perform any missions involving actual combat, combat operations or combat training that would be considered more dangerous than normal CAP activities.

One of the biggest things the Air Force uses CAP for is its digital imaging capability, said Colonel Vogt. “(They’re) able to go on a moment’s notice, often airborne within a couple hours, take digital images of some of the disaster areas, get them back here to the



Courtesy photos by Civil Air Patrol National Headquarters

Civil Air Patrol members plan a flying mission in support of the Air Force. CAP volunteers used their high-tech photography equipment to support damage assessment efforts during Florida’s 2004 hurricane season.



Cessna 206s are well-represented in the Civil Air Patrol's fleet of single-engine aircraft. CAP has 550 planes strategically located throughout the United States, kept ready for service by CAP volunteers.

(combined air operations center), be retasked airborne to take perhaps additional pictures or pictures from another angle, and within seconds those are actually e-mailed down over a satellite telephone.”

On Oct. 24, 2004, the CAP signed a Memorandum of Understanding with CAP – U.S. Air Force and 1st Air Force that formalized their relationship and the procedures that allow the CAP to be an instrumentality of the Air Force.

“Use of CAP resources for non-combat missions is both faster and cheaper than using military assets,” said Kevin Jones, 1st Air Force Military Assistance Civil Authorities branch chief. “This is because the use of CAP airframes is more cost-effective and the manpower is volunteered.”

The average cost of a photoreconnaissance mission using an F-15 Eagle or F-16 Fighting Falcon ranges from \$4,700 to \$11,000 per flying hour. When the Air Force assigns these missions to CAP it generally costs less than \$200 per flying hour.

In January alone, CAP provided direct support to 1st Air Force for eight distinct missions in the District of Columbia, Florida, Arizona and Louisiana. These missions involved 53 sorties and more than 80 CAP members.

While using CAP's services benefits the Air

Force, the MOU also outlines how CAP members benefit while supporting the Air Force.

“When (CAP members) are performing missions for the Air Force, they're actually termed to be an instrumentality of the Air Force – a true force multiplier,” said Colonel Vogt. “Because of that – they get some of the protections of the Air Force and some of the command and control the Air Force brings to the table.”

Some of these protections include consideration as Air Force Auxiliary personnel for purposes of the Federal Tort Claims Act and the Federal Employee Compensation Act.

Along with supporting U.S. NORTHCOM, CAP resources are also used to support the North American Aerospace Defense Command, better known as NORAD. While the CAP does not take part in combat operations of any type – they do support NORAD's aerospace warning and control missions by posing as suspicious aircraft during exercises and allowing the Air Force to assess its responses.

“We have 60,000 volunteers out there – people who give of themselves every day, every night,” said Al Allenback, CAP executive director. “We're best known for rescue, but we do so many other things – aerospace education, cadet programs and now an increasing role in homeland security.”

CAP at a glance

CAP operations:

- 95 percent of nation's inland search and rescue (100 lives saved each year)
- Aerial reconnaissance for homeland security
- Disaster relief and damage assessment
- Transport of time sensitive materials
- Counterdrug missions

Who's who:

1st Air Force

Conducts Air Combat Command's planning, execution and assessment of operational issues

NORTHAF

Air component of U.S. Northern Command

Civil Air Patrol

Congressionally chartered private organization; performs as the civilian auxiliary of the Air Force when requested/tasked; performs as the Air Force Auxiliary when executing federal missions

CAP-USAF

The agency charged with advice, liaison and oversight of CAP

NORAD

Provides aerospace warning and aerospace control to the United States, Canada. NORAD consists of three regions: Alaskan NORAD Region, Canadian NORAD Region and Continental U.S. NORAD Region

Bridging borders: CANR deputy reflects on job, family heritage

Maj. Brenda Barker

1st Air Force Public Affairs

Traveling to other countries in support of the mission is a fact of life for many members of the Air National Guard, but when that aspect of the mission enables you to reconnect with your family heritage, it's just icing on the cake.

Brig. Gen. Donald J. Quenneville, currently the deputy commander of the Canadian North American Aerospace Defense Region, also has strong family roots in that country.

"All four of my grandparents were born in Quebec and emigrated to Massachusetts in the early 1900s," said Brig. Gen. Quenneville. "Being here allows me to get closer to my French-Canadian ancestry."

General Quenneville served more than 25 years with the Massachusetts Air National Guard before being stationed in Canada. His many assignments included the 102nd Fighter Wing commander at Otis Air National Guard Base, the Massachusetts Air National Guard chief of staff and later as commander.

As deputy commander of CANR, General Quenneville is the principal adviser to the commander on NORAD matters and assumes command of those forces in the commander's absence. He is also responsible for ensuring the mission effectiveness and administration of the 1st Air Force units assigned to Canada.

"Since my arrival last August, it has become readily apparent that both Canada and the United States face similar challenges in maintaining first-rate homeland defense while transforming the capabilities and makeup of their respective forces,"

General Quenneville stated.

He said the greatest difference from his previous duties and his current role is the increased scope of responsibility he now has, and the greatest similarity is the people -- all dedicated to excellence.

When asked how his current role has enlarged his view of the NORAD mission, General Quenneville said, "I have spent the majority of my military career in NORAD. The affiliation has provided me a pretty good understanding of the NORAD mission, its bi-national membership and its operational components."

According to the general, CANR comes with its own unique challenges.

"Geographically, Canada is the second largest country in the world; demographically, more than 90 percent of the population resides within 100 miles of her southern border," he stated.

"These extremes present some rather unique challenges to the execution of the NORAD mission. Maintaining warning radars and forward operating location bases in the frozen North is very resource intensive, while providing intercept response to a peacetime aviation threat stretches fighter assets to the limit.

"However," General Quenneville added, "the commitment to protecting North America has never been greater, and the revision of the NORAD agreement will expand the bi-national cooperation to the additional domains of land, maritime and cyberspace."

The general summed up his CANR role saying, "As the deputy commander of CANR, my prime responsibility is to maximize the efforts of several contributing units to ensure that NORAD's northern flank is protected and that Canada's population centers are defended."



Photo by Cpl. Steven Bogue, Canadian Forces 17th Wing

Brig. Gen. Donald Quenneville, Canadian NORAD Region deputy commander, mans a workstation in the 1st Canadian Air Division air operations center at Winnipeg, Canada.

General Quenneville lives in Canada with his wife, retired Air National Guard Lt. Col. Margaret Quenneville, and their two cats. The general said, since arriving in Canada, one of the things they miss most is easy access to family and friends in the United States.

"Modern day connectivity through the telephone and the Internet provides my wife, Maggie, and I every opportunity to communicate with those closest to us, and for that we are most grateful," he said. "Unfortunately, hugging the phone or the computer is not the same as hugging our children and grandchildren." ✈

Not just counter-drug anymore

Tech. Sgt. Michelle L. Thomas

125th Fighter Wing Public Affairs

When President George W. Bush raised his right hand to take the oath of office Jan. 20, an unparalleled level of security framed his second inauguration.

Thousands of police officers from across the country, new screening technology for inaugural guests and a military contingency that included a combat brigade of up to 4,000 troops guarded the quadrennial event.

Along with ground security, a C-26B aircraft from the Florida (Jacksonville) Air National Guard's 125th Fighter Wing provided aerial surveillance for the numerous inaugural events.

Florida was one of four states to provide Air National Guard units for enhanced security.

The C-26's primary mission is to support counter-drug and drug interdiction missions in the southeastern United States and the Caribbean.

Normally, the C-26 performs area observation over land or water to detect and report illegal drug activities to include observation of cultivated marijuana, suspected isolated drug trafficking airstrips, drug drop zones, drug trafficking corridors, illegal drug labs, suspicious aircraft, watercraft and motor vehicles.

Additionally, the C-26 supports the state of Florida during natural disasters or other emergency operation center missions. However, with the increasing homeland defense mission, the C-26 program at the 125th has been triple-tasked.

Historically, since Sept. 11, 2001, the 125th's F-15 Eagles and other fighter aircraft have participated in Operation Noble Eagle missions when called upon. It wasn't until 2004 that the C-26 program in Jacksonville was asked to support the Department of Homeland Security.

"We flew surveillance missions during the G8 Summit last June," stated Lt. Col. Ronnie Higgins, 125th Fighter Wing C-26 program director.

Colonel Higgins added the 125th also provided aerial

support during the 2004 presidential election. And, although these types of missions are funded by the DHS, manpower has not been increased due to the additional taskings.

"The C-26 pilots can only fly 600 hours a year due to funding," Colonel Higgins said. And, since the new role was mandated, they are fulfilling the regular counter-drug mission in addition to homeland defense and ongoing state missions.

Yet, even with the increased responsibility, the pilots were honored to be handpicked to help secure the skies



Photo by Master Sgt. Shaun Withers, 125th Fighter Wing

A C-26 Metroliner and an F-15 Eagle both from the 125th Fighter Wing, Jacksonville, Fla., team up to patrol America's skies.

above Washington during Bush's second inauguration.

"We arrived Tuesday, Jan. 18, and started flying the next day," said Lt. Col. Mark Severson, 125th FW C-26 pilot. "It was nice to know that they wanted us back again to help out the Secret Service on such an important occasion."

"Security is always tight on inauguration day," said Tech. Sgt. Raquel Tucker, a 125th FW information manager who attended the inaugural parade. "We expected it to be magnified for the first inauguration since 9/11."

Sergeant Tucker commented there were several security checkpoints along the parade route, but when she saw the 125th's C-26 flying above, it made her feel even more secure.

"I was really proud to see our guys up there," she said. ✈️

CSAF announces change to Air Force's education mindset

General John Jumper, Air Force Chief of Staff, recently announced the Air Force will no longer use advanced academic degrees as a factor in the promotion process at any level.

Beginning January 2005, all academic information, including bachelor's degrees, will be removed from active-duty Line of the Air Force and Judge Advocate General promotion boards through the rank of colonel. Guard and Reserve components will implement the

same procedures beginning with boards convening after Jan. 1, 2006.

In the general's latest Sight Picture, released Feb. 2, he addressed the need to change Airmen's mindsets when it comes to educational initiatives for force development.

"Force development takes a deliberative approach to providing Airmen the training and experience they need to succeed in delivering air and space power now and in the future," General Jumper said.

While not discouraging Airmen from pursuing advanced academic degrees, the general stressed that our focus should be on deliberate development and not "square filling."

"We must make sure Airmen get the training and education required for their specialty or area of expertise," he said.

The new policy will not affect chaplain and health profession officers due to certification requirements.

The complete Sight Picture is available at www.af.mil/media/viewpoints/force_dev.html.

Sexual assault prevention and response report released

The Air Force recently released a study assessing the service's sexual assault prevention and response capabilities.

In a February 2004 tasking memorandum to all major command commanders, Air Force Vice Chief of Staff Gen. Michael T. Moseley established five goals for the assessment, dated Aug. 30, 2004:

- Strive to eliminate sexual assault and any environment that fosters it.



Courtesy photo

Maj. Todd Breitmann, Southeast Air Defense Sector's Eagle Flight Weapons Section officer-in-charge, crosses the finish line of the Air Force Marathon Sept. 18, 2004. Major Breitmann ran the 26.2-mile course in honor of Sgt. Roy Wood, a Florida Army National Guard Special Forces soldier killed in Afghanistan Jan. 9, 2004. The "Running in Honor of Fallen Heroes" program allows runners to dedicate a marathon run to those who have given their lives for freedom. Major Breitmann also raised more than \$1,000 for a home for destitute girls in Mumai, India.



Three 142nd Fighter Wing F-15s take flight northwest of Reykjavik, Iceland.

- Ensure an environment where victims have the confidence to report sexual assault.
- Conduct appropriate investigation and prosecution.
- Address victims' well being and health as effectively as possible.
- Ensure commanders and senior leaders oversee program effectiveness.

"We want to send a very clear message," said Lt. Gen. Roger A. Brady, deputy chief of staff for personnel and the assessment's supervisor. "It is that sexual assault, or any behavior anywhere approaching this, is absolutely inconsistent with our core values and everything that we believe. It is unacceptable."

Twenty significant findings are listed in the report, as well as 14 recommendations. Findings and recommendations focused



Photo by 123rd Fighter Squadron
Iceland, while serving three two-week rotations at

120th Fighter Wing receives three national awards

Montana's 120th Fighter Wing earned three Air National Guard awards for 2004: the Air Force Outstanding Unit Award, the Maintenance Group Effectiveness Award and the Outstanding Security Forces Squadron of the Year Award.

The Air Force Outstanding Unit Award recognizes the achievements of the 120th FW from June 1, 2003, to July 31, 2004. During this time the wing earned a 97 percent Unit Compliance Inspection rating, activated 185 people to fight the state's second largest wildland fire and participated in Operation Noble Eagle. The wing also deployed more than 200 Airmen to Balad Air Base, Iraq, in support of Operation Iraqi Freedom.

The Maintenance Effectiveness Award nomination package noted "superior aircraft maintenance" from Oct. 1, 2003, to Sept. 30, 2004. The 120th FW Maintenance Group provided concurrent support to Operations Iraqi Freedom and Noble Eagle.

The Air Force Security Forces Unit Award recognized the unit's communication between local, civil and military emergency service agencies while focusing on vulnerabilities along the northern Montana-Canadian border. Unit members also performed short-notice weapons qualifications for more than 300 people, logistical support to South Dakota ANG Security Forces members during training exercises and earned a 100 percent UCI rating.

"1st Air Force Now" to broadcast March 31

The March edition of "1st Air Force Now" will be broadcast on the Warrior Network March 31 at 11a.m. EST. For information on how to receive the broadcast, e-mail the producer at Louis.Biehlich@tyndall.af.mil or call DSN 523-8669. For details on how to submit unit stories and videos for future broadcasts visit: <http://www.1staf.tyndall.af.mil/tv.html>.

on six topic areas: sexual assault realities; policy and leadership; education and training; reporting; response; and air expeditionary forces and deployment. Each topic area except sexual assault realities contains a series of recommendations.

The complete report is available at www.af.mil/library/posture/SA_Assessment_Report.pdf.

Guard news, photos needed

Air Guard units are encouraged to send news and feature articles (with photos) for publication in the American Defender. For more information, call 1st Air Force public affairs at (850) 283-8659 or send an e-mail to the editor at 1AFPA@tyndall.af.mil.



Photo by Senior Master Sgt. David H. Lipp, 119th Fighter Wing
President George W. Bush tries on a 119th Fighter Wing cap as he takes time to meet members of the North Dakota Air National Guard prior to his departure from Fargo, N.D., in Air Force One Feb. 3, 2005.

LAST LOOK



Photo by Staff Sgt. Rebecca Layman, 148th Fighter Wing

Senior Airman Peter Waldorf, an engine mechanic at the 148th Fighter Wing in Duluth, Minnesota, inspects an engine during a recent weekend unit training assembly. The engine, from an F-16 Fighting Falcon aircraft, periodically has to be inspected for preventative maintenance.

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